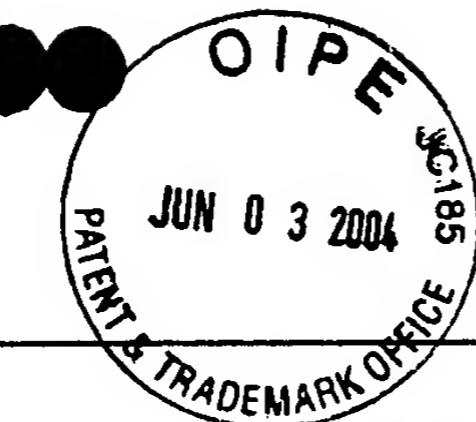


UNITED STATES
PATENT AND
TRADEMARK OFFICE



LHN
031676.0020

FEBRUARY 05, 2002

BROBECK, PHLEGER & HARRISON LLP
LAURENCE H. POSORSKE
INTELLECTUAL PROPERTY DEPARTMENT FEB 11 2002
1333 H STREET, N.W. SUITE 800
WASHINGTON, DC 20005

PTAB
RECEIVED

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



101918209A

BROBECK

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/11/2001

REEL/FRAME: 012359/0977

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

GLADUE, RAYMOND M.

DOC DATE: 11/01/2001

ASSIGNEE:

BEHRENS, PAUL W.

DOC DATE: 10/23/2001

ASSIGNEE:

MARTEK BIOSCIENCES CORPORATION
5480 DOBBIN ROAD
COLUMBIA, MARYLAND 21045

SERIAL NUMBER: 09529021

FILING DATE: 04/06/2000

PATENT NUMBER:

ISSUE DATE:

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

DOCKETED

O P E
DEC 11 2001

To the Honorable Commissioner of Pat

1. Name of Conveying Party(ies):

Raymond M. GLADUE

Paul W. BEHRENS

JUN 03 2001

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: Martek Biosciences Corporation

Address: 6480 Dobbin Road

Columbia, MD 21045

Name:

Address:

Country: USA

Country:

Additional name(s) and address(es) attached? Yes No

3. Nature of Conveyance:

Assignment

Merger

Change of Name

Verified Translation

Security Agreement

Other: _____

Execution Date: October 23, 2001 and November 1, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is: _____

A. Patent Application No(s):

09/529,021

B. Patent No(s):

Others on additional sheet(s) attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Laurence H. Posorske
Intellectual Property Department
Brobeck, Phleger & Harrison LLP
1333 H Street, N.W.
Suite 800
Washington, DC 20005
(202) 220-6000 (telephone)
(202) 220-5200 (facsimile)

1. Total number of applications and patents involved:

Application(s): 1

+ Patent(s): _____

= Total: 1

7. Total Fee (37 C.F.R. § 3.41) \$ _____

Enclosed

Authorized to be charged to Deposit Account

8. Deposit Account No.: 50-1640

(Duplicate copy of this sheet attached)

Charge any underpayment or credit any overpayment to above Deposit Account

DO NOT USE THIS SPACE

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Laurence H. Posorske

Name of Person Signing

Signature

December 11, 2001

Date

Total number of pages including cover sheet, attachments, and document:

12/13/2001 RANMED1 00000098 501640 09529021

01 FC:581

40.00 CH

ASSIGNMENT

WHEREAS, WE, Raymond M. GLADUE, residing at 655 Brookgreen Lane, Lexington, KY 40509; and Paul W. BEHRENS, residing at 4725 Widdup Court, Ellicott City, MD 21043-6529, have invented certain new and useful improvements in and to the subject matter of:

DHA-CONTAINING NUTRITIONAL COMPOSITIONS AND METHODS FOR THEIR PRODUCTION

described in an application for United States Letters Patent filed on June 4, 2000, and accorded Application No. 09/529,021;

AND, WHEREAS, Martek Biosciences Corporation, a corporation organized under the laws of the State of Maryland, having a place of business located at 6480 Dobbin Road, Columbia, Maryland 21045 (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agents, Brobeck, Phleger & Harrison LLP, whose address is 1333 H Street, N.W., Suite 800, Washington, DC 20005, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the United States Commissioner for Patents to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

11/1/01
Date

Raymond M. GLADUE
Raymond M. GLADUE

County of)
) ss:
State of)
)

On this 1st day of November, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared _____, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Amy W. Taylor
Notary Public

(SEAL)

My Commission Expires March 24, 2004

BROBECK, PHLEGER & HARRISON LLP
INTELLECTUAL PROPERTY DEPARTMENT
1333 H STREET, N.W.
SUITE 800
WASHINGTON, D.C. 20005
(202) 220-6000 (TELEPHONE)
(202) 220-5200 (FACSIMILE)

10/23/01

Date

Paul W. Behrens

Paul W. BEHRENS

County of Baltimore)
State of Maryland) ss:
)

On this 23rd day of October, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared Paul Behrens, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Dianna L. Brown

Notary Public

Dianna L. Brown, Notary Public
My Commission Expiriates Baltimore County
State of Maryland
My Commission Expires July 1, 2002

(SEAL)

BROBECK, PHLEGER & HARRISON LLP
INTELLECTUAL PROPERTY DEPARTMENT
1333 H STREET, N.W.
SUITE 800
WASHINGTON, D.C. 20005
(202) 220-6000 (TELEPHONE)
(202) 220-5200 (FACSIMILE)